

Fig. 1

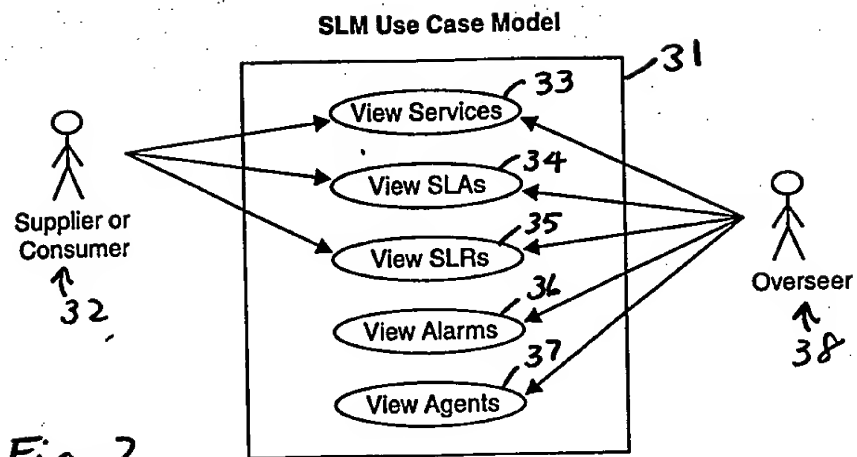


Fig. 2

[illegible]

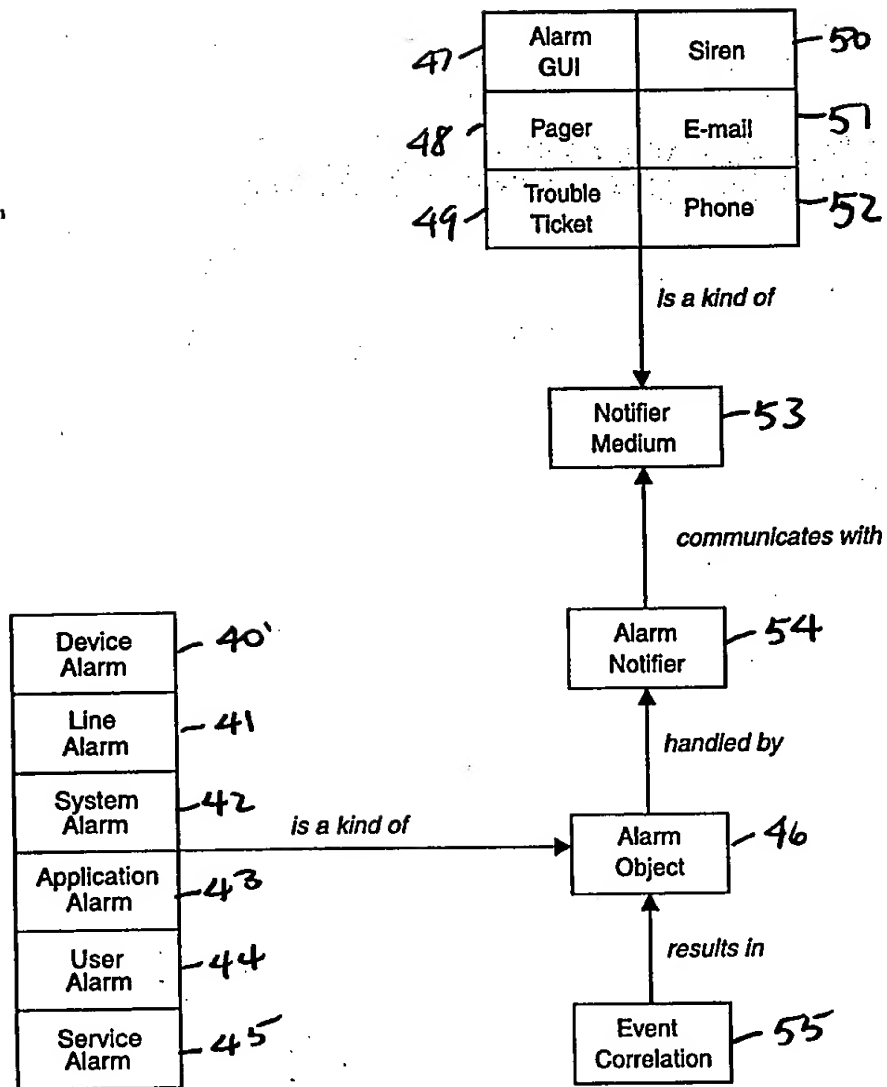
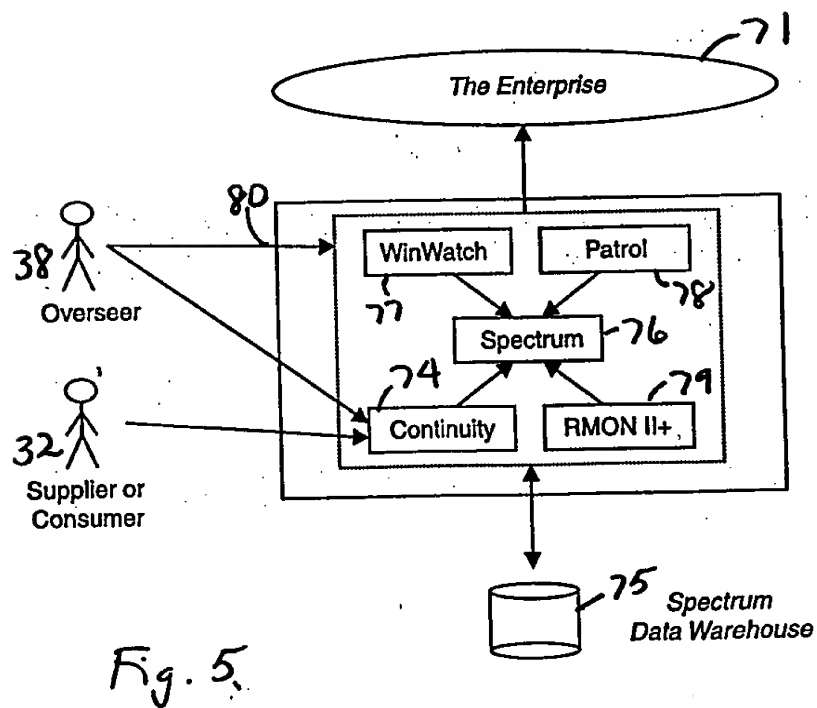
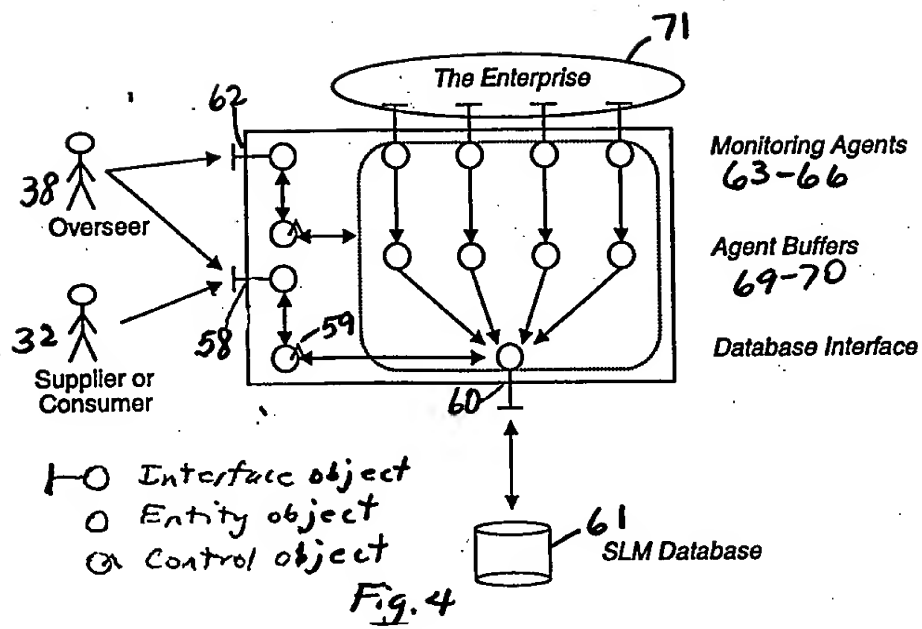


Fig. 3



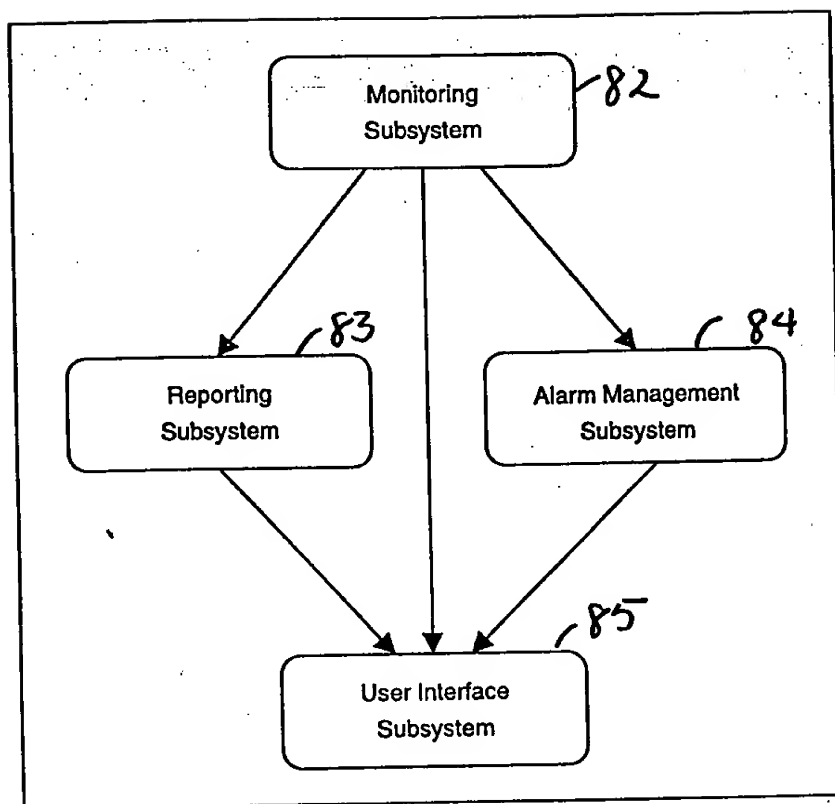


Fig. 6

```

graph TD
    Sensors[101] --> L0[102]
    L0 --> Effectors[106]
    L0 --> L1[103]
    L1 --> L2[104]
    L2 --> L3[105]
    L3 --> L0
  
```

Fig. 8

Level 2 Abstraction,
Reasoning, Instruction

Level 1 Abstraction,
Reasoning, Instruction

Level 0 Abstraction,
Reasoning,
Instruction

Monitoring

Auto
Control

Human
Control

Fig. 9

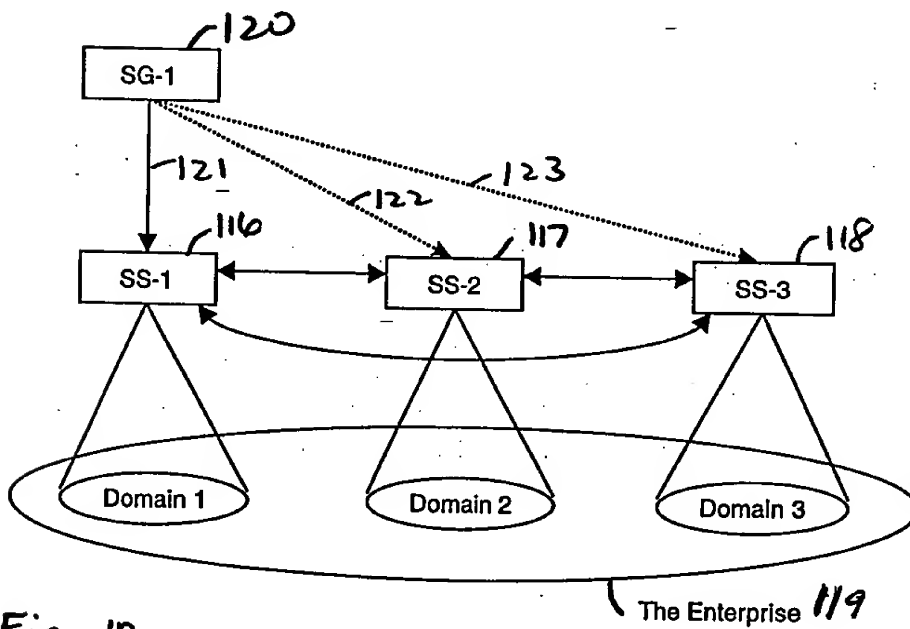
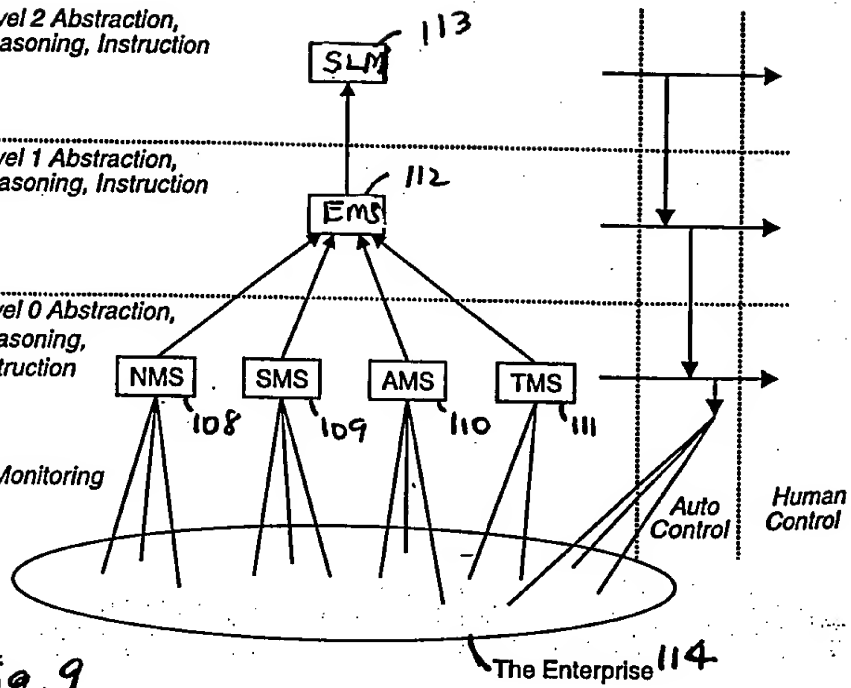


Fig. 10

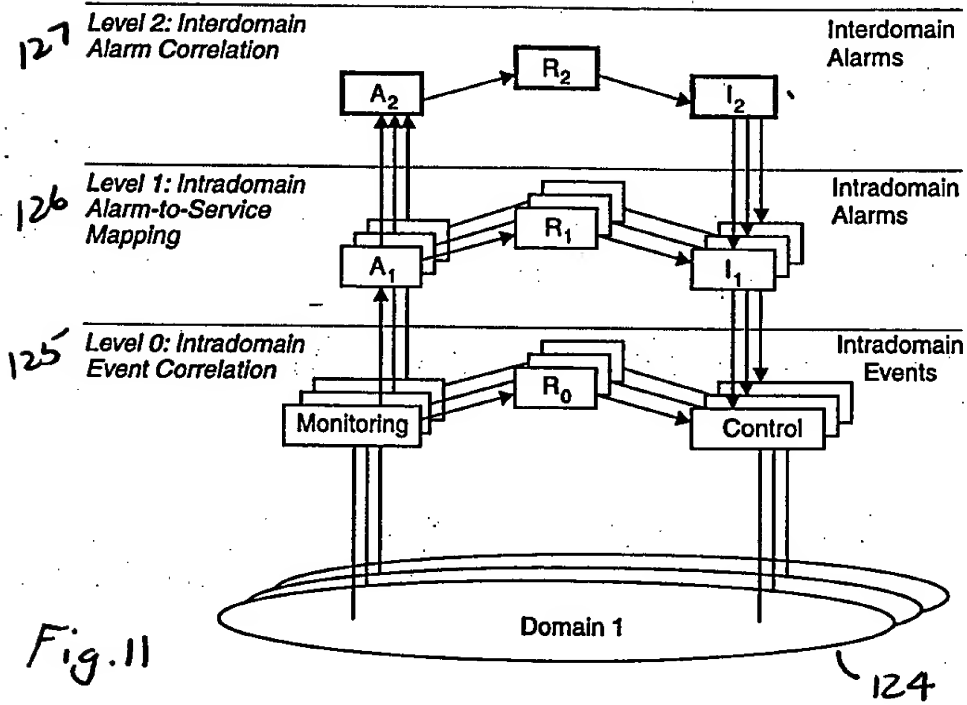


Fig. 11

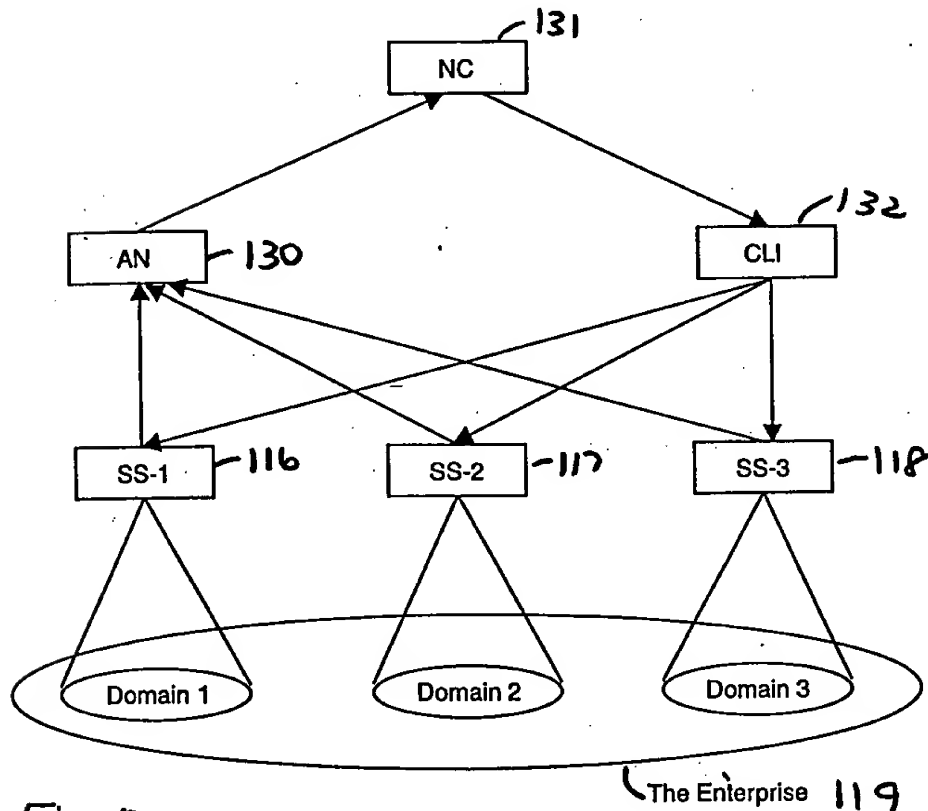


Fig. 12

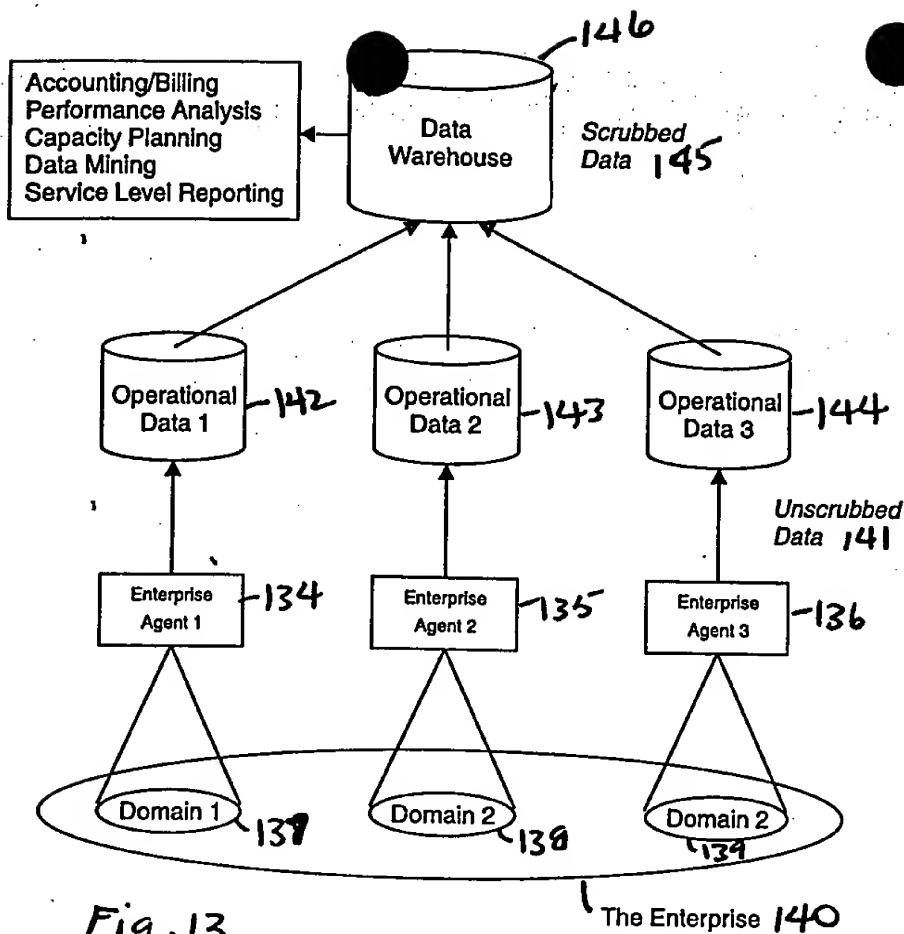


Fig. 13

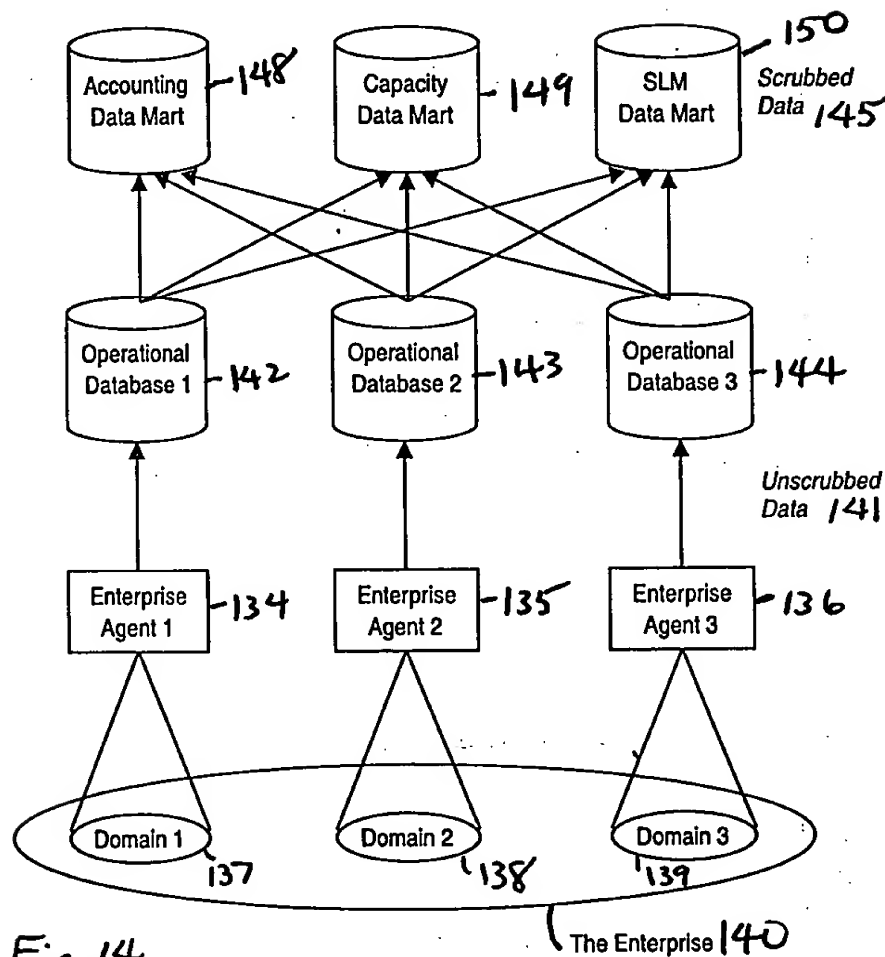


Fig. 14

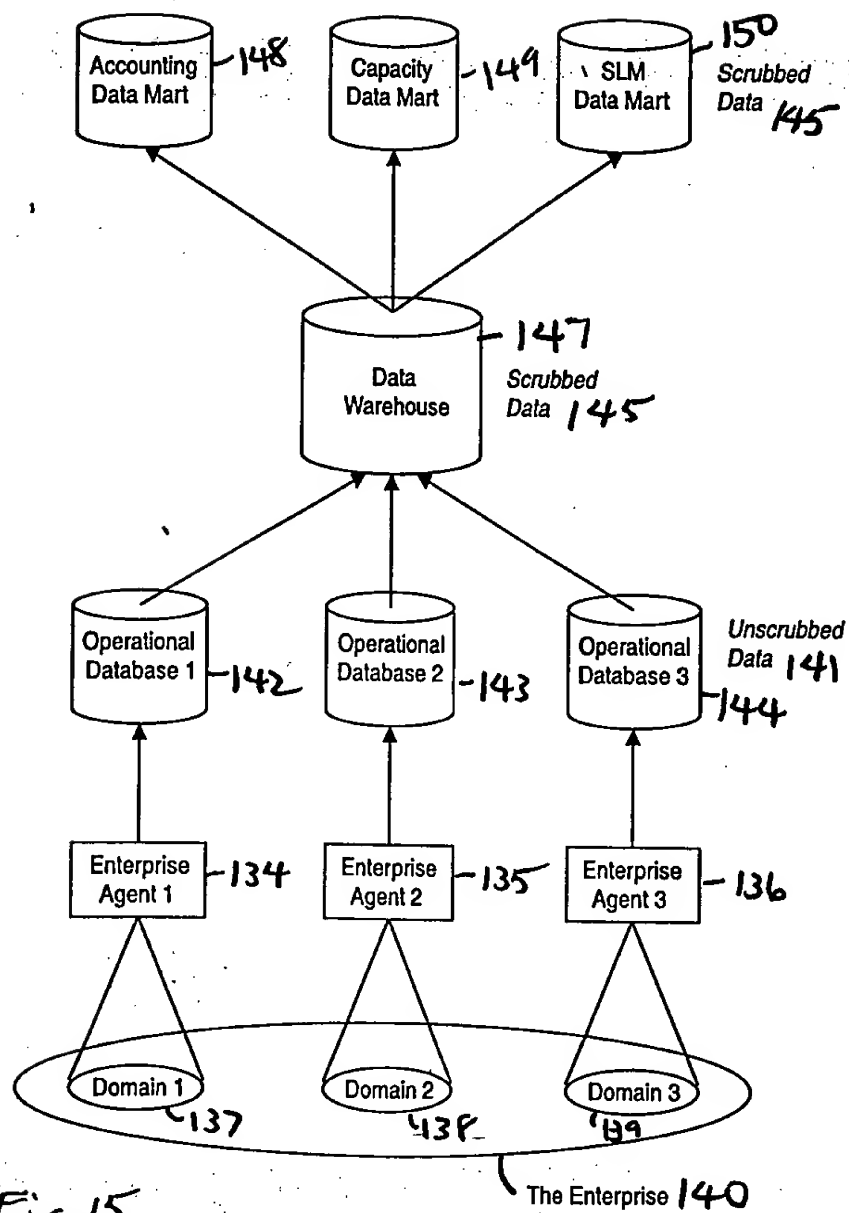


Fig. 15

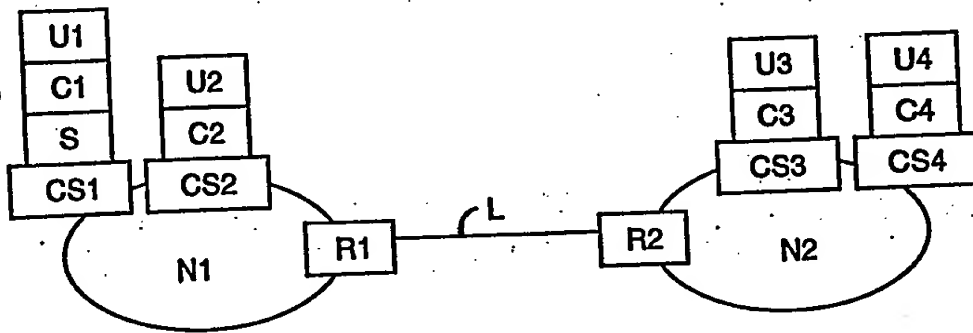


Figure 5.1, Fig. 16

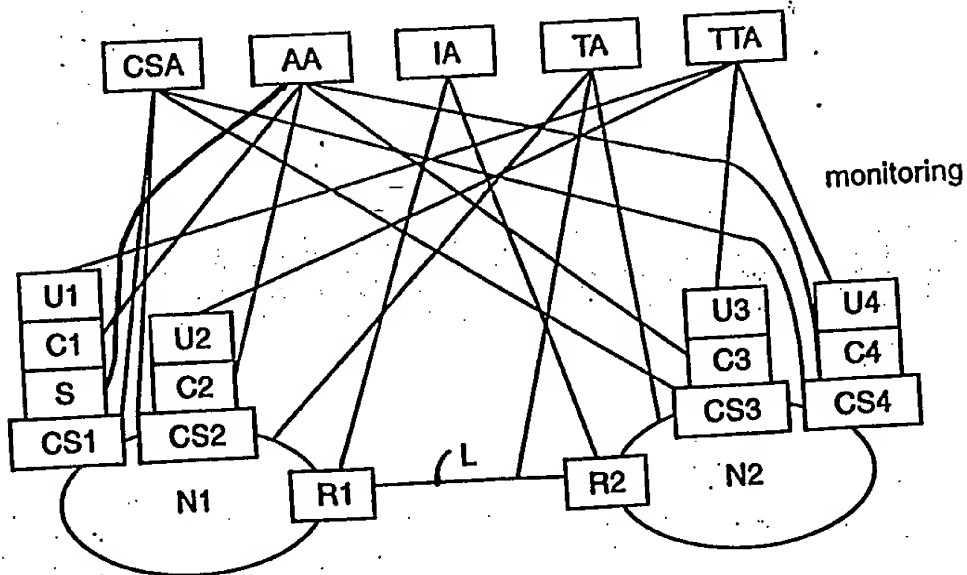


Figure 5.2 Fig. 17

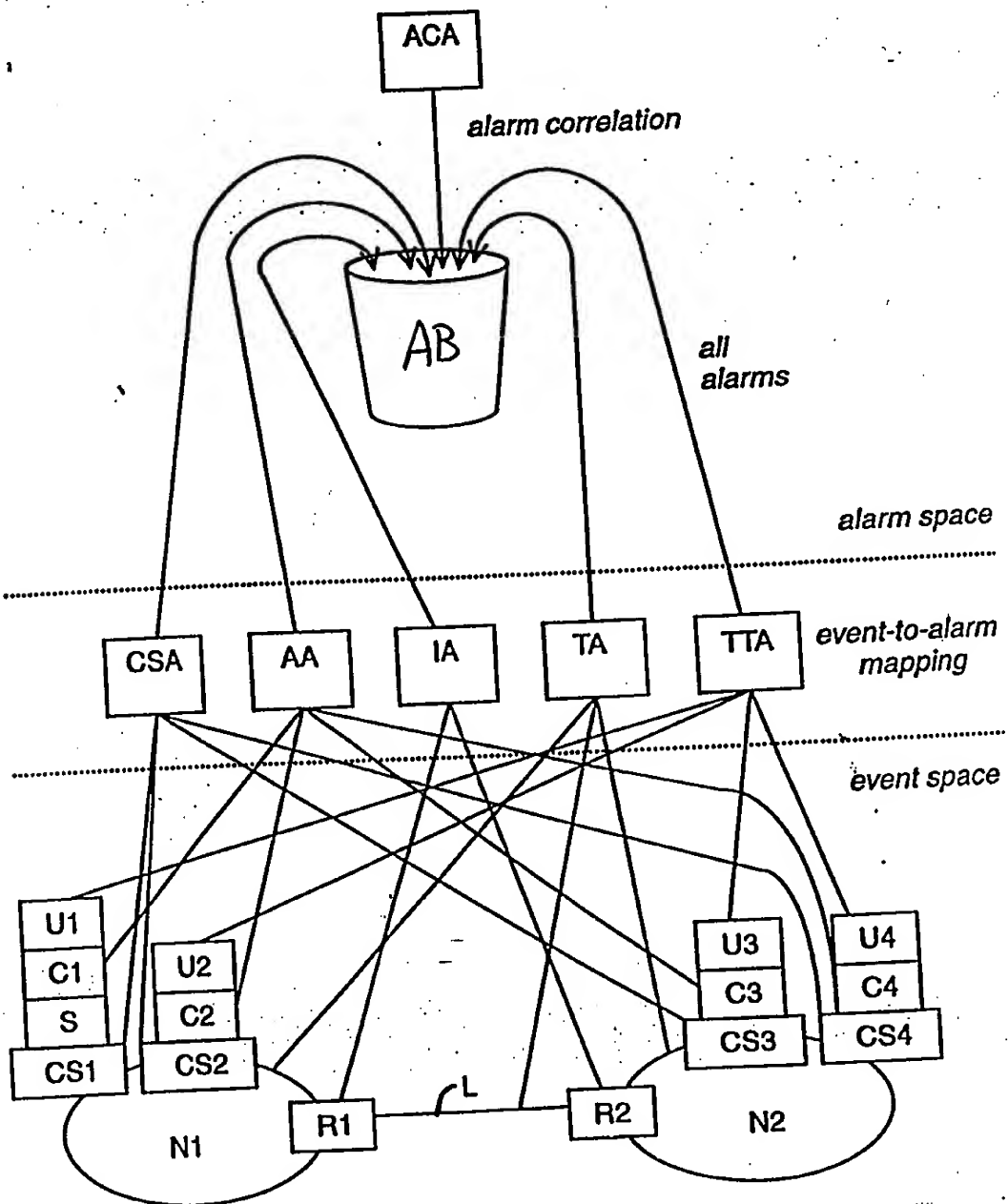


Figure 5.5

Fig. 18

Fig. 19

Detect events in ~160
the network

↓
For each aspect of network ~161
operation, map event(s) to
alarm(s)

↓
Output alarms to ~162
alarm bucket

↓
Correlate/Evaluate alarms to ~163
determine network operation
status

↓
Report Network operation ~164
status

↓
Identify corrective actions ~165
necessary for desired operation of
network

↓
Implement corrective ~166
actions or report identified
corrective actions

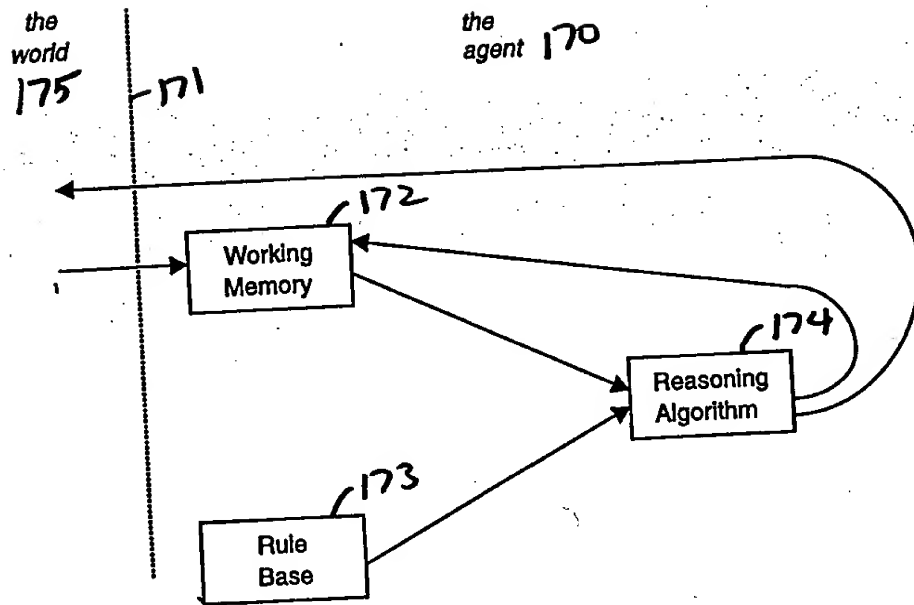


Fig. 21

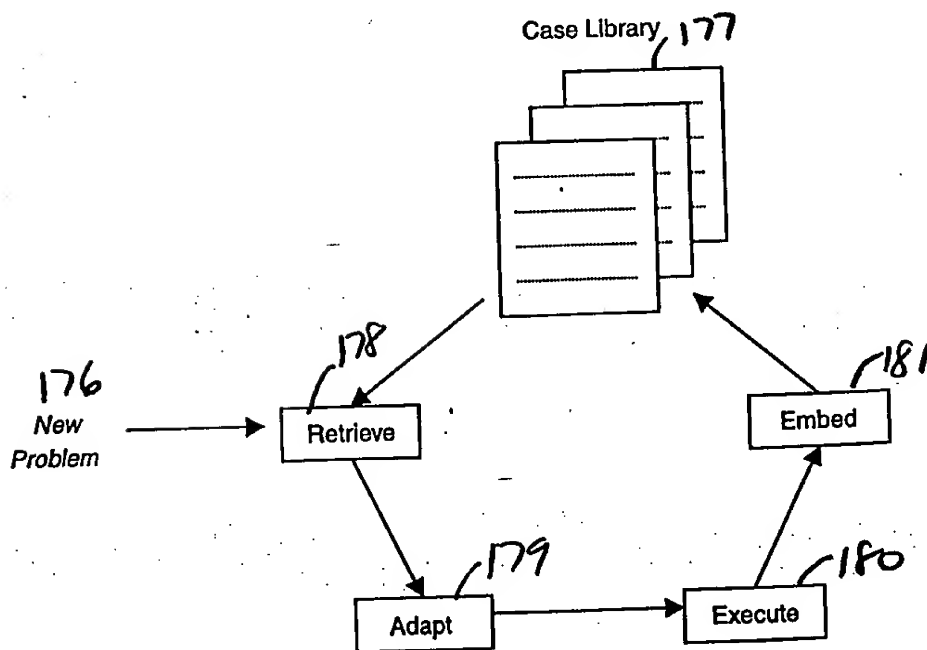


Fig. 22

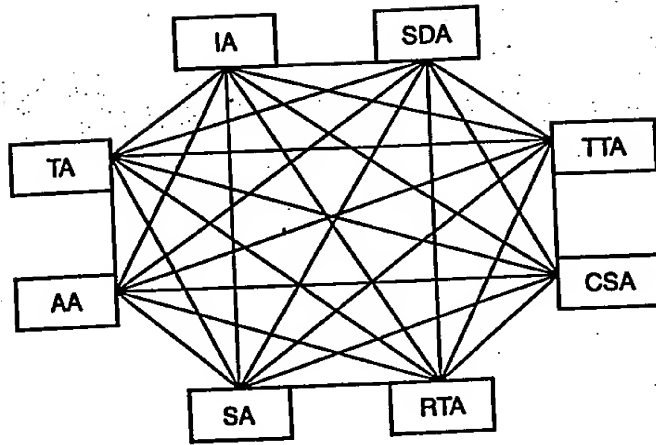


Fig. 23

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Friday January 5 2001 -191			
	Service 1	Service 2	Service 3
Seattle			
Bldg 1	Up	Up	Down, up at 12 PM
Bldg 2	Down 8-10 PM	Down 8-10 PM	Down 8-10PM
Bldg 3	Up (Slow)	Up	Up
Sydney			
Bldg 1	Up	Up	Down, up ?
Bldg 2	Up	Up (slow)	Up
.			
.			
.			

Fig. 24

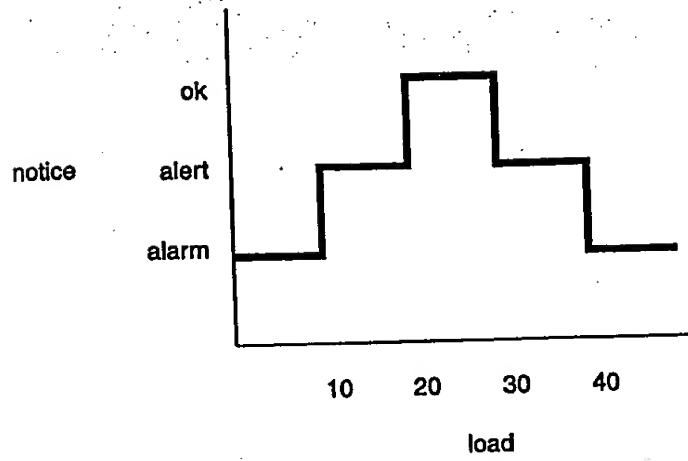


Fig. 25

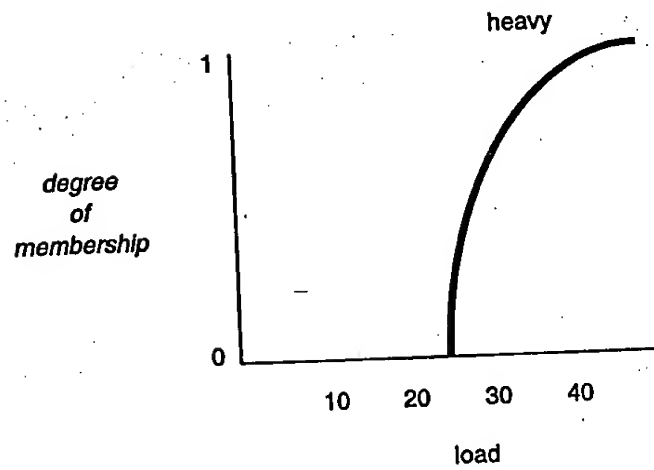


Fig. 26

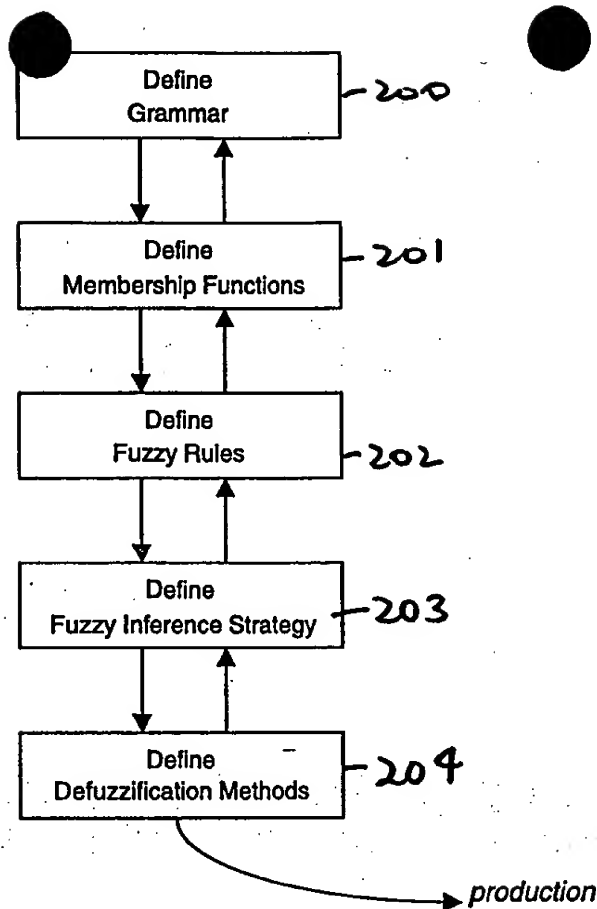


Fig. 27

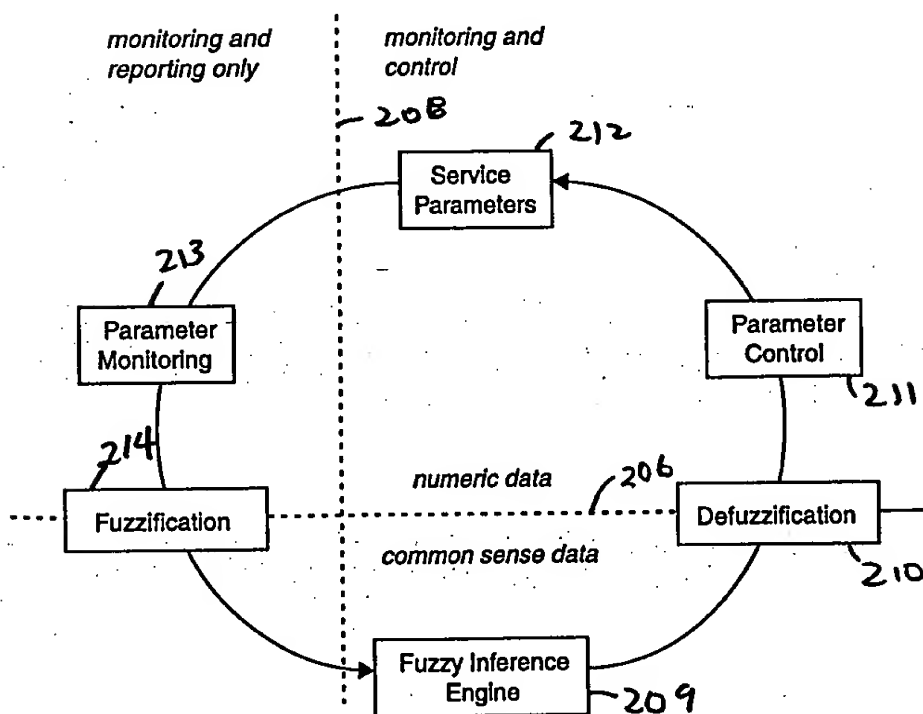


Fig. 28

possible influences on SP ²²⁵

²²⁴ target

	P1	P2	P3	P4	P5	...	PN	SP
t1	---	---	---	---	---	---	---	---
t2	---	---	---	---	---	---	---	---
t3	---	---	---	---	---	---	---	---
t4	---	---	---	---	---	---	---	---
t5	---	---	---	---	---	---	---	---
t6	---	---	---	---	---	---	---	---
.								
.								
.								

²²²

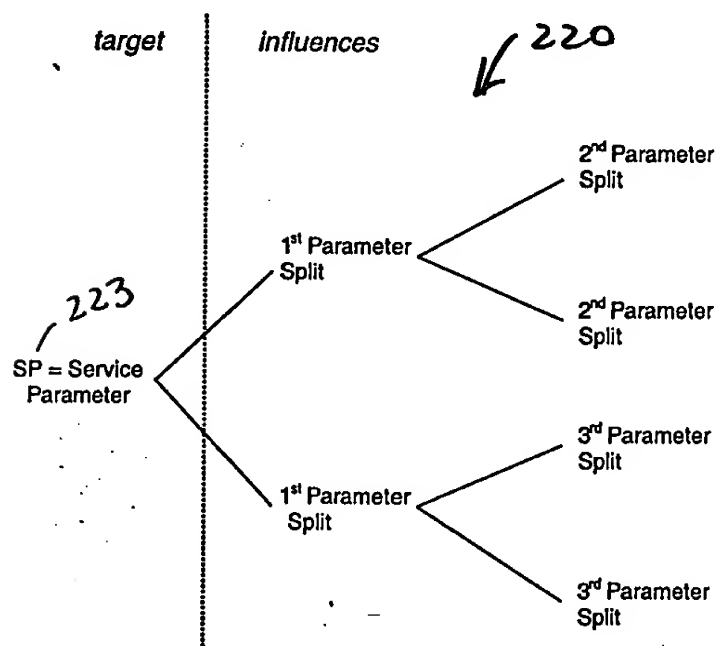


Fig. 29

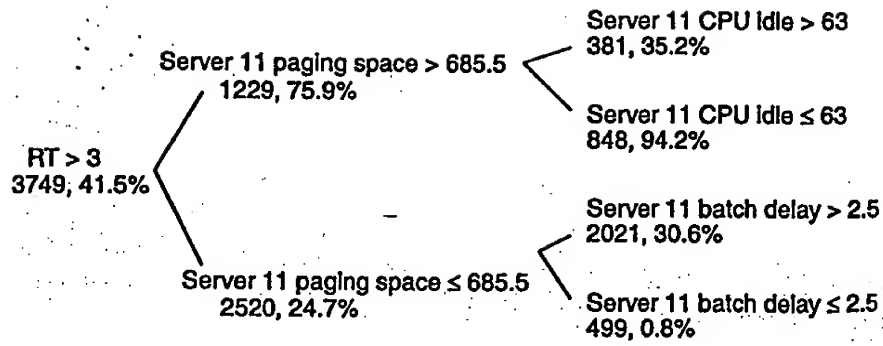


Fig. 30

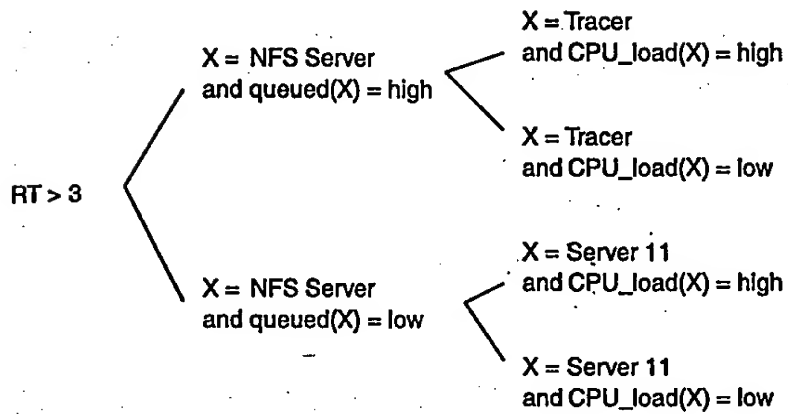


Fig. 31

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Service Agreement with XYZ Server Farm						
Name						
Address						
Phone						
Email						
Policies						
Availability	___ (select 90 – 100 %)				\$___	
Response Time	___ (select 2 – 5 sec)				\$___	
Security	___ (select high- med-low)				\$___	
Integrity	___ (select high- med-low)				\$___	
					Total: \$___	
Go Back		(Month)			Go Forward	
Default: Availability ___ Response time ___ Security ___ Integrity___						
Send			Cancel			

Fig. 32

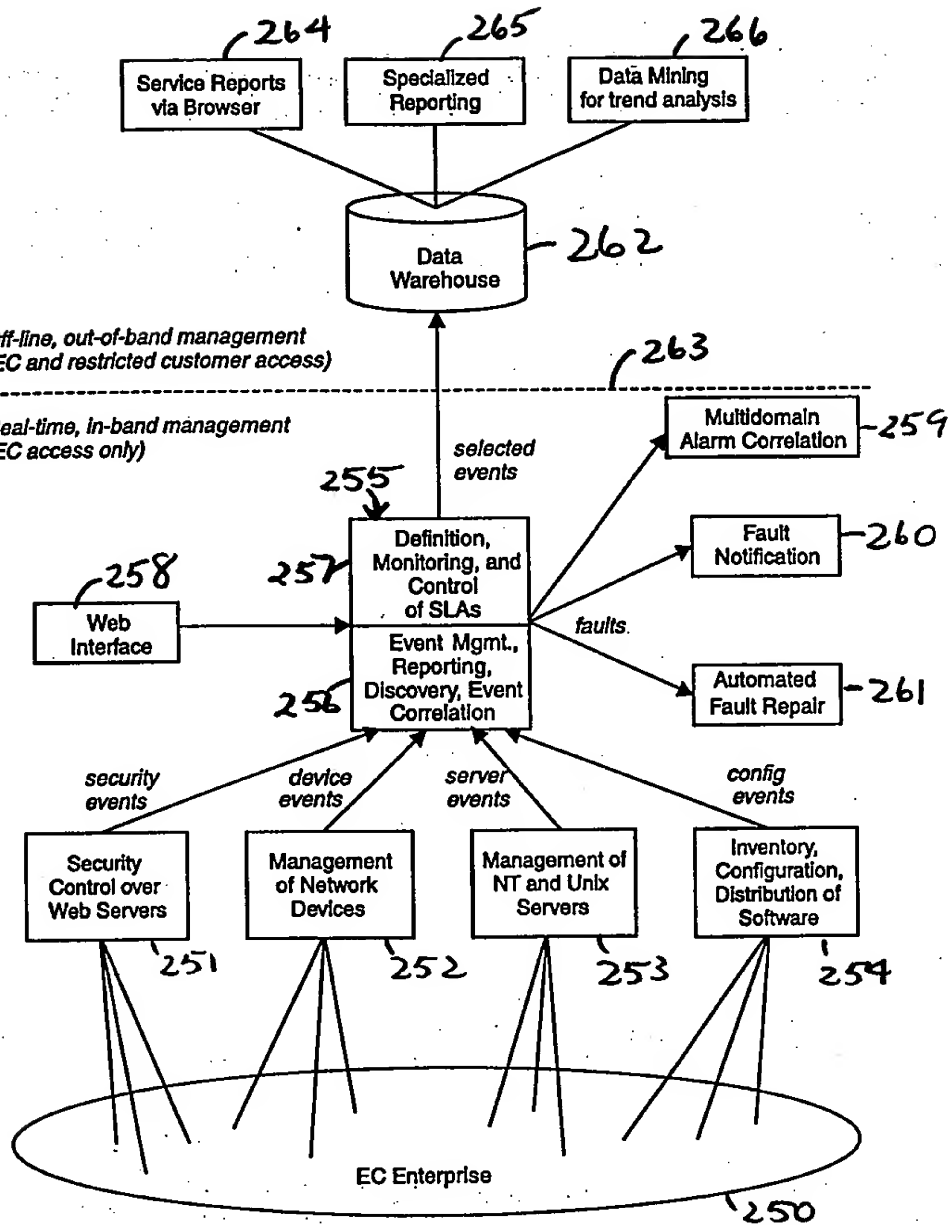


Fig. 33

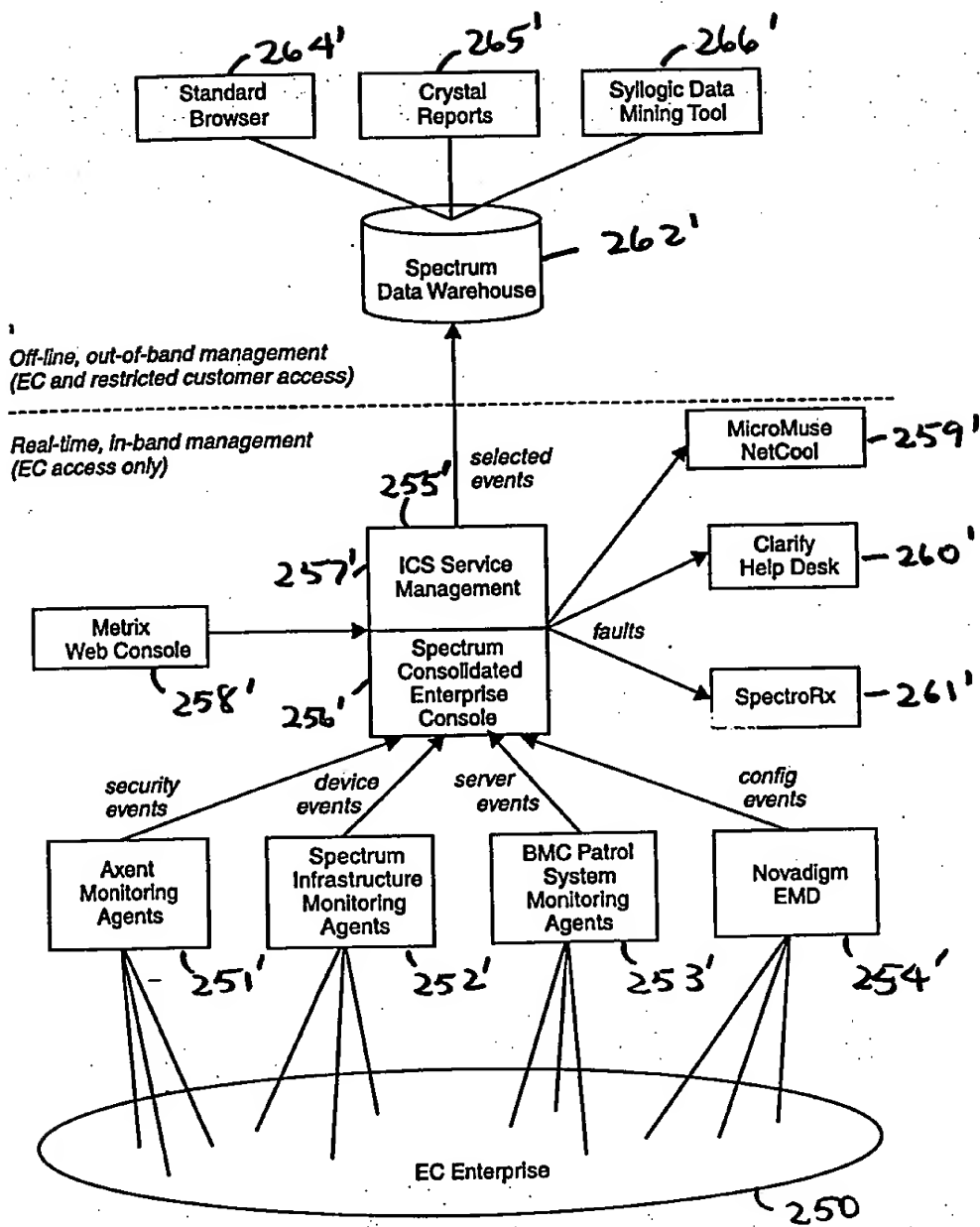
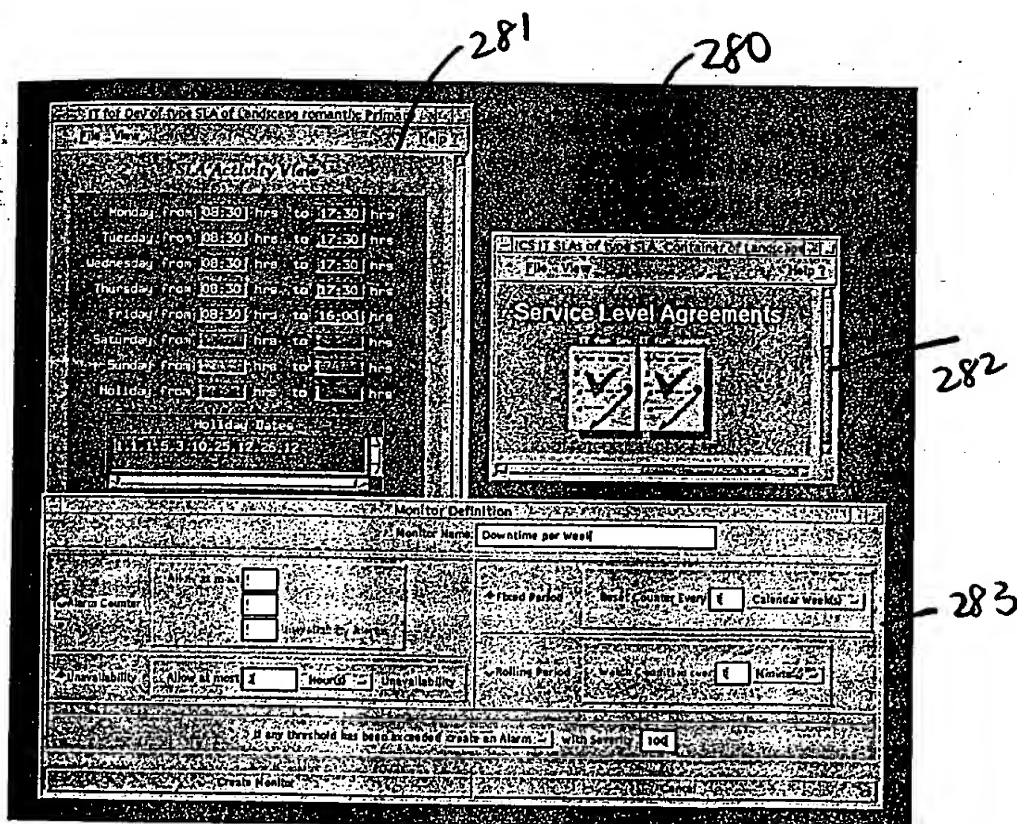
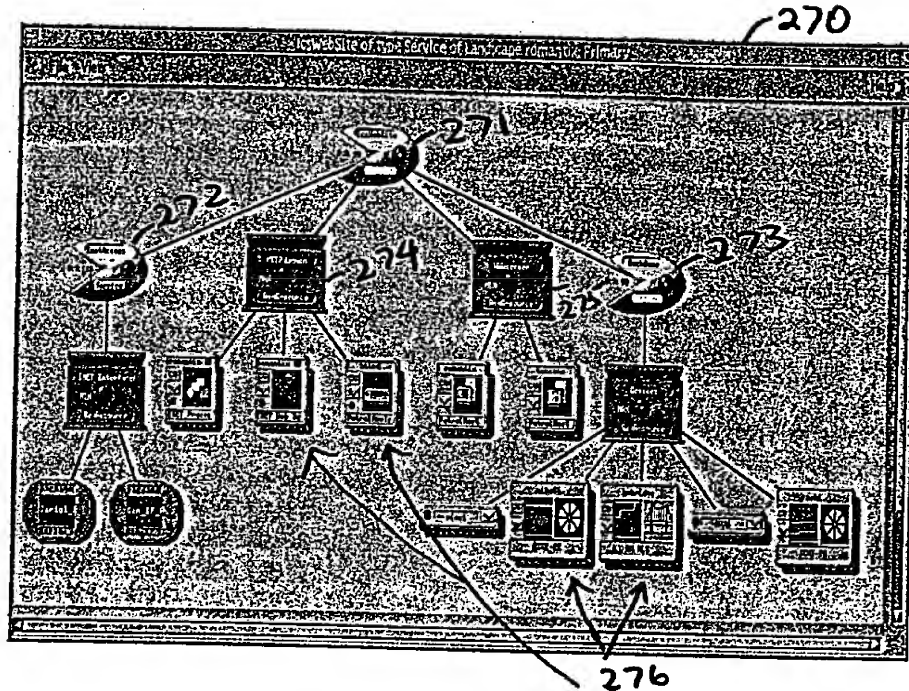


Fig. 34



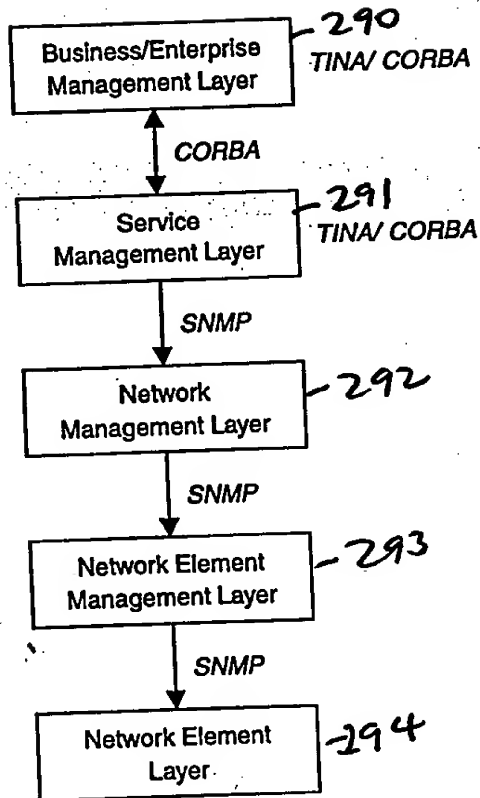


Fig. 37

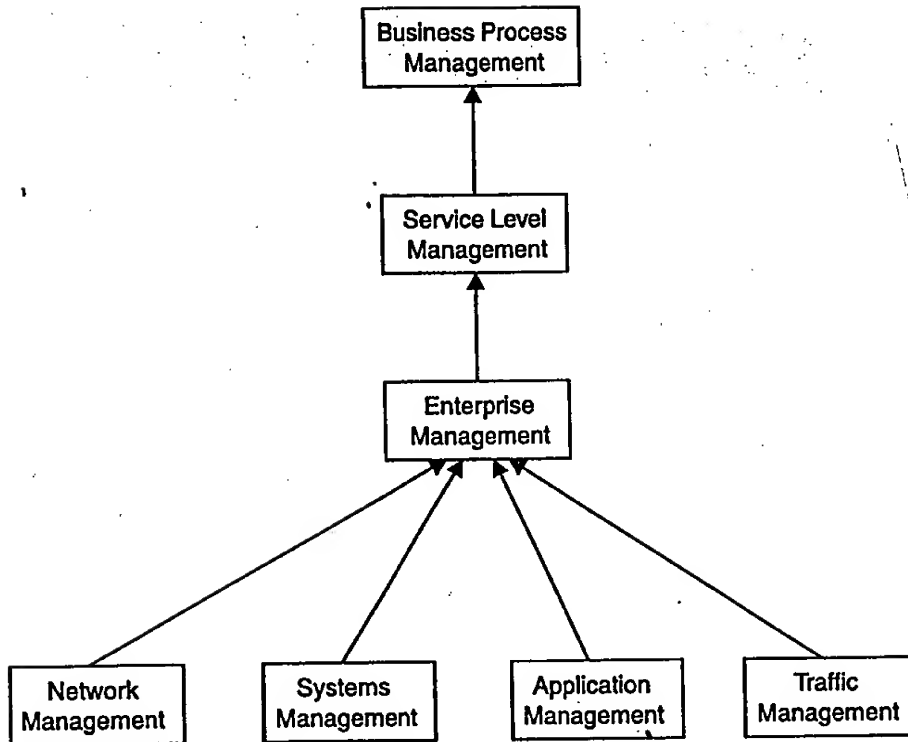


Fig. 38